IN THE CLAIMS:

1. (Currently Amended) A method of providing access to a server in an arrangement that includes at least one device that serves as a firewall having a protected side and an unprotected side, a first proxy adapted to allow clients on the unprotected side of the firewall to gain direct access thereto, and a second proxy adapted to allow said server, on the protected side of the firewall, to gain direct access thereto and to not allow said clients direct access thereto ~~inside a firewall having an IP address~~ comprising the steps of:

receiving at ~~a~~ the first proxy ~~outside the firewall~~ a connection request from a client of said clients ~~that is also outside the firewall, said first proxy having an IP address that is different from the IP address of the firewall~~;

sending said connection request to the second proxy through said firewall, over a control channel previously established by a second proxy and controlled by the second proxy ~~inside said firewall~~;

~~said second proxy~~ authenticating the client;

when the client is authenticated, said second proxy establishing a data connection with said first proxy, through said firewall, with the data connection adapted to ~~through which said first proxy can~~ forward requests of said client to said second proxy, where the data connection is distinct from the control channel.

2. (Currently Amended) The method of claim 1 further comprising the step of receiving a requested resource at the second proxy from the server ~~inside the firewall~~ and using the established data connection between the second proxy and the first proxy ~~client~~ to forward the requested resource to the client.

3. (Original) The method of claim 2 wherein the resource is a document containing hyperlinks to other resources.

4. (Original) The method of claim 3 wherein the second proxy translates the hyperlinks in the document into references directed to and interpreted by the second proxy.

5. (Original) The method of claim 3 wherein the document is a Web page.

6. (Previously Presented) The method of claim 1 wherein the data connection uses a secure communication protocol.

7. (Currently Amended) The method of claim ~~5~~ 6 wherein the secure communication protocol is SSL.

8. (Original) The method of claim 1 wherein the client is a browser and the server is a Web server.

9. (Original) The method of claim 1 wherein the client is authenticated using a password mechanism.

10. (Original) The method of claim 9 wherein the client is authenticated using a one-time password mechanism.

11. (Currently Amended) A method ~~of providing a client access to a resource stored behind a firewall~~ comprising the steps of:

parsing information of a ~~the~~ resource ~~for~~ to identify therein hyperlinks that point to ~~other~~ resources behind a ~~the~~ firewall;

rewriting said hyperlinks to point to a proxy enabled to access said resources behind the firewall; and

transmitting said information of the resource with the rewritten hyperlinks to the client.

12. (Original) The method of claim 11 wherein the resource is a Web page.

13. (Original) The method of claim 11 wherein the rewritten hyperlinks also comprise security information.

14. (Previously Presented) The method of claim 1 further comprising the step of receiving at said second proxy, in response to a request for a resource from said second proxy, said requested resource from the server inside the firewall and using the

established connection between the second proxy and the client to forward the requested resource to the client.

15. (Previously Presented) The method of claim 1 further comprising the step of receiving from said first proxy, at said second proxy, a request for a resource of the server.

16. (Previously Presented) The method of claim 1 wherein said connection request comprises a URL, the method further comprising said second proxy executing the steps of

translating said URL to a URL that corresponds to a URL of a server inside said firewall; and

establishing a connection with said URL.

17. (Previously Presented) The method of claim 1 wherein the client is authenticated via said control channel using a password mechanism.

18. (Previously Presented) The method of claim 1 wherein said control channel is maintained by sending a command that requests a response, over said control channel, at intervals that insure a silence period of not more than a preselected value.

19. (Previously Presented) The method of claim 1 wherein said control channel is adapted to carry a limited number of different messages.

20. (Previously Presented) The method of claim 1 wherein said control channel is adapted to carry messages from a set that consists of

a message sent by said second proxy to establish said control channel,

a message sent by said first proxy to request establishment of said data connection,

a hailing message that expects a reply, and

a reply message that acknowledges said hailing message.

21. (Previously Presented) The method of claim 1 said step of establishing said data connection is followed by a step of said second proxy sending a message to said first

proxy, over said data connection, to inform said first proxy of the establishment of said data connection.

22. (Previously Presented) The method of claim 1 wherein said control channel is maintained by periodically one of the proxies sending a command that requests a response from the other of said proxies.

23. (Currently Amended) A method of a user at a host on an outside side of a firewall ~~fire wall~~ obtaining web pages from a server on an inside side of said firewall comprising the steps of:

Receiving, at a first proxy on the outside side of the firewall that is adapted to serve as an interface ~~between servers on said inside side~~ of said firewall ~~fire wall and~~ to hosts on said outside side of said firewall, a connection request from ~~a~~ said user, employing a secure communication protocol;

sending said connection request through said firewall, over a control channel previously established by a second proxy on said inside side of said firewall;

~~said second proxy~~ authenticating the user;

said second proxy establishing a data connection with said first proxy that is distinct from the control channel, through said firewall, through which said first proxy can forward requests of said user ~~client~~ to said second proxy; and

said user obtaining web pages from said server by directing requests to IP address of said first proxy.